

## Mobile conveyor is most suitable for Ship Loading and High Stacking of bulk materials.

This self-run type conveyor exercise for use at places where fixed conveyor cannot be set up. It can be efficiently used for Ship Loading and High Stacking of bulk materials.



TBL10

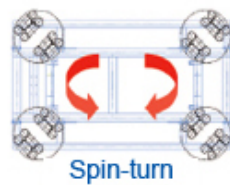
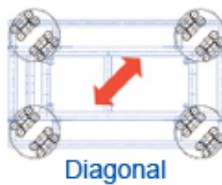
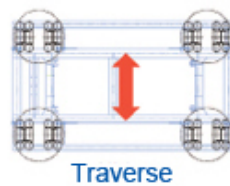
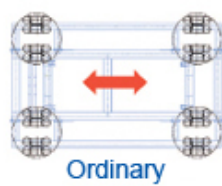


TB35

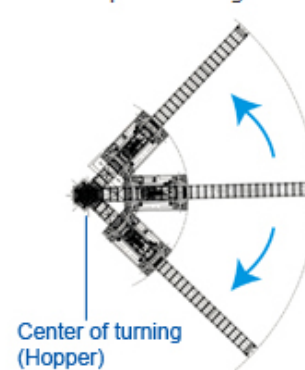
### » Features

#### ► 1. Travel modes

The employment of pivot axis (standard specification) enables to run traverse, diagonal, spin-turn (chassis center) and fan-shaped turning (hopper center) in addition to ordinary traveling. Traverse function implements piling in traverse direction successively without turning wheels. Fan-shaped turning can be efficiently used for connection with fixed conveyor since vehicle turn around with the hopper as center.



Fan-shaped turning



#### ► 2. Swing chute (Optional)

Swing chute enables to load onto front and back side of vessel widely without moving vehicle.



### ▶ 3. Integrated vehicle with slope (only for TB3S model)

Lifting up a slope by hydraulic cylinder. Installation-free for one integrated vehicle when changing location of loading.



### ▶ 4. Specially made chassis with 4 wheels drive

Chassis with 4 wheels drive can be driven on soft ground. And Chassis is mounted with tires, so it can move quickly at huge yard without damaging surface of ground.

### ▶ 5. Operation by wireless remote controller

Wireless Remote Controller with a specific small electricity radio band (429MHz or 1,200 MHz) can operate starting and stopping of loading, adjusting conveyor angle and traveling of vehicle.



### ▶ 6. Hydraulic driving system

Hydraulic driving motor and automatic hydraulic pressure tensioner are equipped as belt driving system.

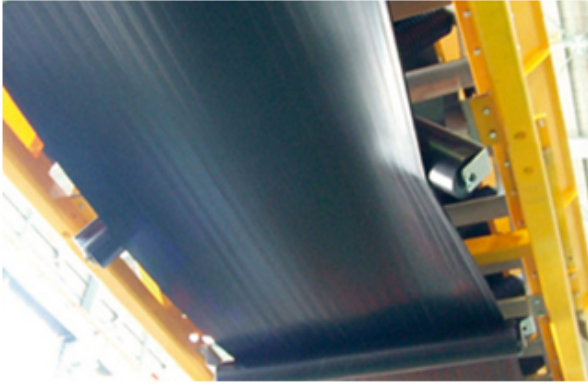
### ▶ 7. Employment of a shock resistance roller

It is installed under the hopper to absorb the shock of hopper when materials are dumped into hopper.



### ► 8. Meander correction roller

The roller keeps the belt straighten and avoid meandering.



### ► 9. Employment of adjustable belt driving speed

Belt driving speed can be adjusted at 3 levels (low, middle, high) according to specific gravity of bulk materials.

### ► 10. Belt lean switch

The switch stops the rolling movement of belt when it detect the meandering in order to avoid accidents.



### ► 11. Belt cleaner

It is installed at the tip of conveyor for removing extraneous materials from the surface of belt.



- ▶ Traverse and diagonal function of travel modes enhance the efficiency of ship-loading.

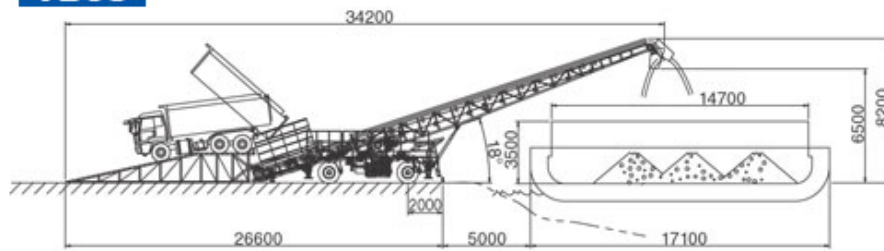


- ▶ Connection with fixed conveyor or stacker-reclaimer enables to stack in wider area of stock yards.

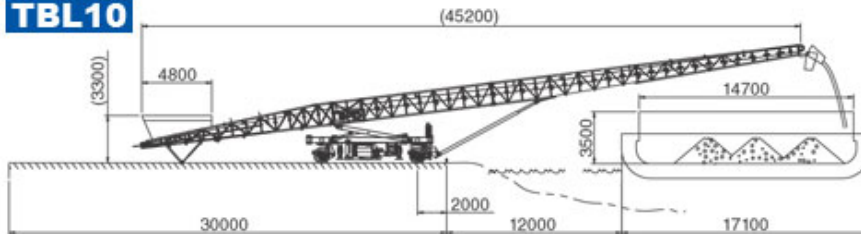


## » Dimensions

### TB3S



### TBL10



## » Specifications

Model	Conveyor					Net vehicle weight [ t ]
	Transport ability [ t/h ]	Belt width [ mm ]*2	Conveyor length [ m ]	Conveyor tip height [ m ]	Belt drive system	
TB3S	300	1050	about 21	about 8	Hydraulic motor drive	about 38
TBL10	1000	1200	about 45	about 8	Hydraulic motor drive	about 58

Model	Vehicle					
	Total length [ mm ]	Total width [ mm ]	Engine output [ kw/rpm ]	Travel drive system	Travel speed [ km/h ]	Travel modes
TB3S	6800	4000	65/2100	Hydraulic motor drive	Forward and backward: 4, traverse, diagonal, spin-turn: 2	Normal run, traverse, diagonal, spin-turn, (fan-shaped turning: optional)
TBL10	8660	5400	224/2200	Hydraulic motor drive	Forward and backward: 4, traverse, diagonal, spin-turn: 2	Normal run, traverse, diagonal, spin-turn, (fan-shaped turning: optional)

\*1: Specifications above are for reference only.

\*2: Belt width may be differed depending on specific gravity of transporting materials and transport ability.